

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Katsunori ICHIKI et al.**

Serial Number: **Not Yet Assigned**

Filed: **March 11, 2004**

Customer No.: **38834**

For: **BEAM SOURCE AND BEAM PROCESSING APPARATUS**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

March 11, 2004

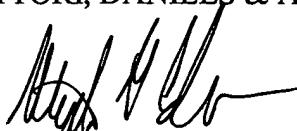
Sir:

In compliance with 37 CFR 1.56, Applicant(s) call(s) to the attention of the Patent and Trademark Office the references listed on the attached PTO-1449.

A copy of each of the references is enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,
WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP



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Enclosures: PTO-1449; References (10)

**INFORMATION
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STATEMENT
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Applicant(s): **Katsunori ICHIKI et al.**

Filing Date: **March 11, 2004** Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA 4,158,589	Keller et al.	06/19/79			
	AB 5,827,435	Samukawa	10/27/98			
	AC 5,928,528	Kubota et al.	07/27/99			
	AD 6,217,703	Kitagawa	04/17/01			
	AE 6,331,701	Chen et al.	12/18/01			

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
	AF WO 01/06534	01/25/01	PCT	Abstract
	AG WO 02/078407	10/03/02	PCT	Abstract

OTHER DOCUMENTS

AH	J.M.E. Harper et al., "Low Energy Ion Beam Etching", J. Electrochem. Soc: SOLID-STATE SCIENCE AND TECHNOLOGY, Vol.128, No. 5, May 1981, pp. 1077-1083.
AI	Harold R. Kaufman, "Technology of ion beam sources used in sputtering", J. Vac. Sci. Technol. 15(2), March/April 1978, pp. 272-276.
AJ	Shoji KITAMURA, "Ion Engine (Direct Current Discharge Type)", J. Vac. Soc. Jpn. Vol. 45, No. 4, 2002, pp. 329-335.

Examiner

Date Considered